```
(FILE 'HOME' ENTERED AT 12:06:03 ON 20 DEC 2007)

        FILE 'REGISTRY' ENTERED AT 12:06:11 ON 20 DEC 2007
L1          1558 S SILICON/CNS AND GERMANIUM/CNS
L2             5 S ARGON/CN OR HELIUM/CN OR NITROGEN/CN OR KRYPTON/CN OR
XENON/C
L3             1 S NEON/CN
L4            24 S CHF3/MF OR CF4/MF OR C2F6/MF OR SF6/MF
L5             0 S F6C/MF
L6             9 S F4S/MF

        FILE 'CAPLUS' ENTERED AT 12:08:28 ON 20 DEC 2007
L7       1540368 S ETCH? OR PATERN? OR REMOV?
L8         50597 S SIGE OR GESI OR (SI OR SILICON)(3A)(GE OR GERMANIUM)
L9          4729 S L7 AND (L8 OR L1)
L10      1314162 S AR OR HE OR NE OR N2 OR KR OR XE OR ARGON OR HELIUM
OR NEON O
L11        62579 S XENON OR KRYPTON
L12        48490 S SF6 OR CHF3 OR CF4 OR C2F6 OR TRIFLUOROMETHANE OR
SULFUR(3A)H
L13         2490 S HEXAFLUOROETHANE OR PERFLUOROETHANE
L14           56 S L9 AND (L10 OR L11 OR L2) AND (L4 OR L6 OR L12 OR
L13)
L15       817842 S SEMICONDUCT? OR WAFER? OR CHIP?
L16           33 S L14 AND L15
L17           23 S L14 NOT L16

        FILE 'JAPIO' ENTERED AT 12:13:59 ON 20 DEC 2007
L18            1 S L16
L19            0 S L17

        FILE 'INSPEC' ENTERED AT 12:14:22 ON 20 DEC 2007
L20           11 S L16
L21            0 S L17

        FILE 'USPATFULL' ENTERED AT 12:14:57 ON 20 DEC 2007
L22         1048 S L16
                 SET HIGH OFF
L23       904610 S SEMICONDUCT? OR WAFER? OR CHIP?
L24      3128504 S HIGH ON
                 SET HIGH ON
L25            5 S L7(P)L8(P)(L10 OR L11)(P)(L12 OR L13)
L26            4 S L23 AND L25
L27            1 S L25 NOT L26
L28           20 S L1 AND (L2 OR L3) AND (L4 OR L6) AND L7 AND L23
L29           19 S L28 NOT L25
L30          526 S L7(P)L8(P)(L10 OR L11)
L31            4 S L29 AND L30
L32           15 S L29 NOT L31
L33           30 S L7(P)L8(P)(L12 OR L13)
L34            0 S L29 AND L33
L35          796 S L7(P)L8(P)?FLUOR?
L36            0 S L32 AND L35
L37       732855 S (ETCH? OR PATERN? OR REMOV?)/CLM
L38        13647 S (SIGE OR GESI OR (SI OR SILICON)(3A)(GE OR
GERMANIUM))/CLM
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L39        165194 S (AR OR HE OR NE OR N2 OR KR OR XE OR ARGON OR HELIUM
OR NEON
L40         34098 S (XENON OR KRYPTON OR INERT(3A)GAS?)/CLM
L41           723 S L37 AND L38 AND (L39 OR L40) AND L23
L42          3634 S (SF6 OR CHF3 OR CF4 OR C2F6 OR TRIFLUOROMETHANE OR
SULFUR(3A)
L43        225919 S ?FLUOR?/CLM
L44           175 S L41 AND (L42 OR L43)
L45           494 S L37(10A)L38
L46            16 S L44 AND L45
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